

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 12/06/00

Date Received: 11/17/00

Project: Metro K.C. Comp., PO# M83951

Date Extracted: 11/22/00

Date Analyzed: 11/22/00

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M83951 011117-01	1.4	1.5	1.6	0.08
Method Blank	<0.05	<0.05	<0.05	<0.05

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Project: Metro K.C. Comp., PO# M83951

**QUALITY ASSURANCE RESULTS  
FOR TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Laboratory Code: 011117-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	1.4	1.4	0	0-20
Copper	mg/L (ppm)	1.5	1.6	6	0-20
Nickel	mg/L (ppm)	1.6	1.6	0	0-20
Zinc	mg/L (ppm)	0.08	0.08	0	0-20

Laboratory Code: 011117-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	Acceptance Criteria
Chromium	mg/L (ppm)	5	1.4	88	80-120
Copper	mg/L (ppm)	5	1.5	98	80-120
Nickel	mg/L (ppm)	10	1.6	85	80-120
Zinc	mg/L (ppm)	5	0.08	85	80-120

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD
Chromium	mg/L (ppm)	5	105	105	80-120	0
Copper	mg/L (ppm)	5	107	106	80-120	1
Nickel	mg/L (ppm)	10	104	105	80-120	1
Zinc	mg/L (ppm)	5	111	110	80-120	1





**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D.  
Charlene Jensen, M.S.  
Bradley T. Benson, B.S.  
Kurt Johnson, B.S.

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Seattle, WA 98119-2029  
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December 6, 2000

**DUPLICATE COPY**

**INVOICE # 00ACU1206-1**

Accounts Payable  
Alaskan Copper Works  
628 South Hanford St.  
Seattle, WA 98134

RE: Project Metro K.C. Comp., PO# M83951 - Results of testing requested by  
Gerry Thompson for material submitted on November 17, 2000.

1 sample analyzed for Total Chromium, Copper, Nickel  
and Zinc by Method 6010 @ \$80 per sample

\$ 80.00

Amount Due .....

\$ 80.00

FEDERAL TAX ID (b) (6)

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December 6, 2000

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford St.  
Seattle, WA 98134

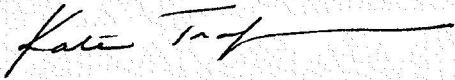
Dear Mr. Thompson:

Included are the results from the testing of material submitted on November 17, 2000 from your Metro K.C. Comp., PO# M83951 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Kate Trafton  
Project Manager

Enclosures  
ACU1206R.DOC